

E15
sub
21

A3 is any naturally occurring L-amino acid and n is an integer that is 3, 4, 5, 6, 7, 8, 9, 10, 11, or 12; and

C1 and C2 together form a disulfide bond thereby forming a cyclic peptide.

Please add and consider new claims 19-22.

E16

19. (New) The isolated library of claim 1, wherein the amino terminus of Cysteine C1 is optionally protected with an amino protecting group and the carboxy terminus of Cysteine C2 is optionally protected with a carboxy protecting group.

20. (New) An isolated plurality of cyclic peptides having a reverse turn secondary structure, wherein each cyclic peptide comprises the amino acid sequence C1-A1-A2-(A3)_n-A4-A5-C2 [SEQ ID NO:1], wherein

C1 and C2 are cysteines;

(A3)_n is a library of natural or synthetic amino acids where n is 3 to 12, inclusive;

A1 and A5 are independently amino acids W, Y, F, H, I, V, or T;

A2 and A4 are independently amino acids W or L; and

C1 and C2 together form a disulfide bond thereby forming a cyclic peptide.

21. (New) The isolated plurality of cyclic peptides of claim 21, wherein the reverse turn secondary structure is a β -turn, β -hairpin, β -bulge, or γ -turn.

22. (New) The isolated library of claim 19, wherein the amino terminus of Cysteine C1 is protected with an acetate and the carboxy terminus of Cysteine C2 is protected with an amine.